

## **ABSTRACT**

The invention provides novel polynucleotides isolated from cDNA libraries of human fetal liver-spleen and macrophage as well as polypeptides encoded by these polynucleotides and mutants or variants thereof. The  
5 polypeptides correspond to a novel human CD39-like protein. Other aspects of the invention include vectors containing polynucleotides of the invention, and related host cells as well a processes for producing novel CD39-like polypeptides, and antibodies specific for such polypeptides.